

FIG. 2

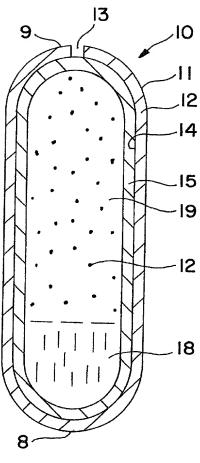
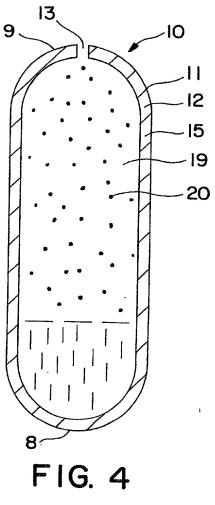
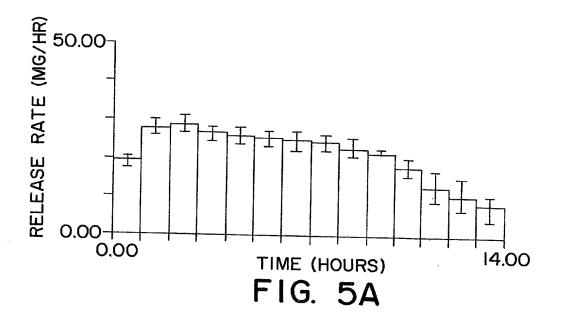
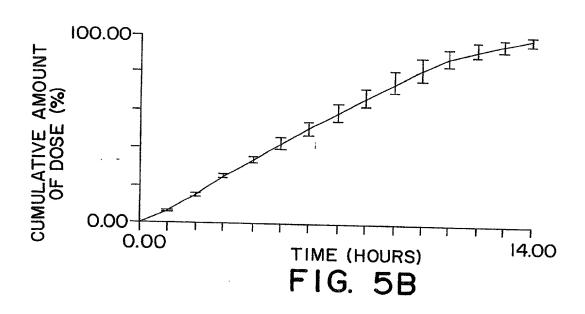
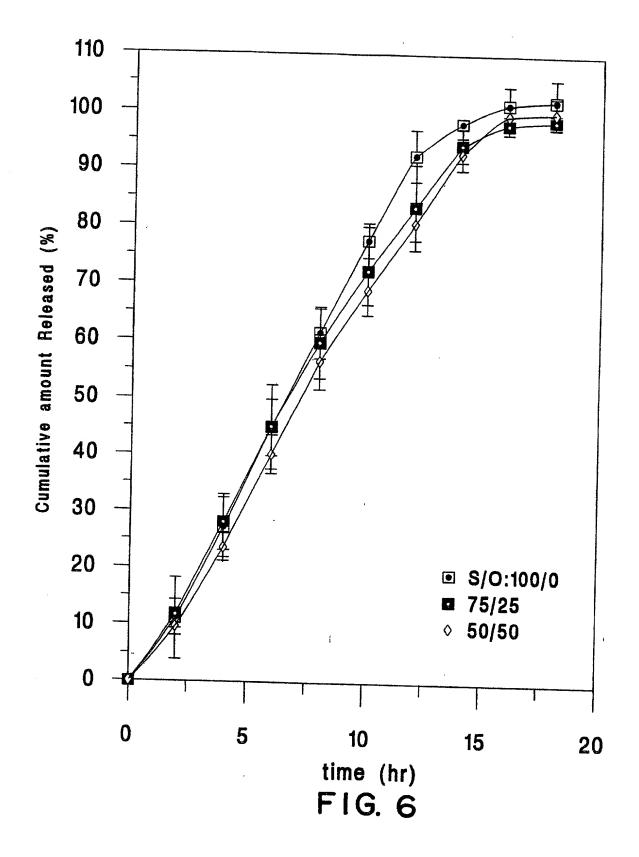


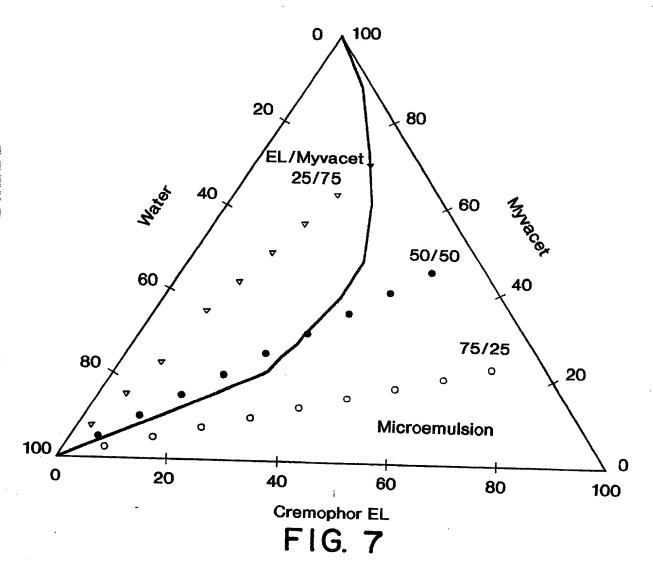
FIG. 3

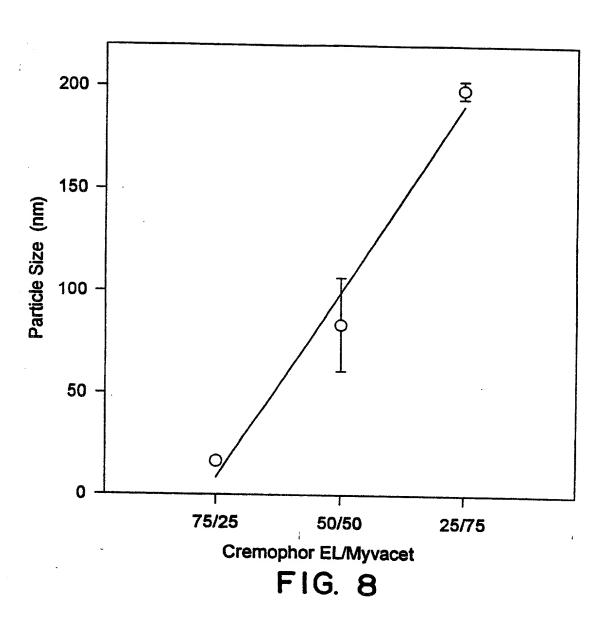


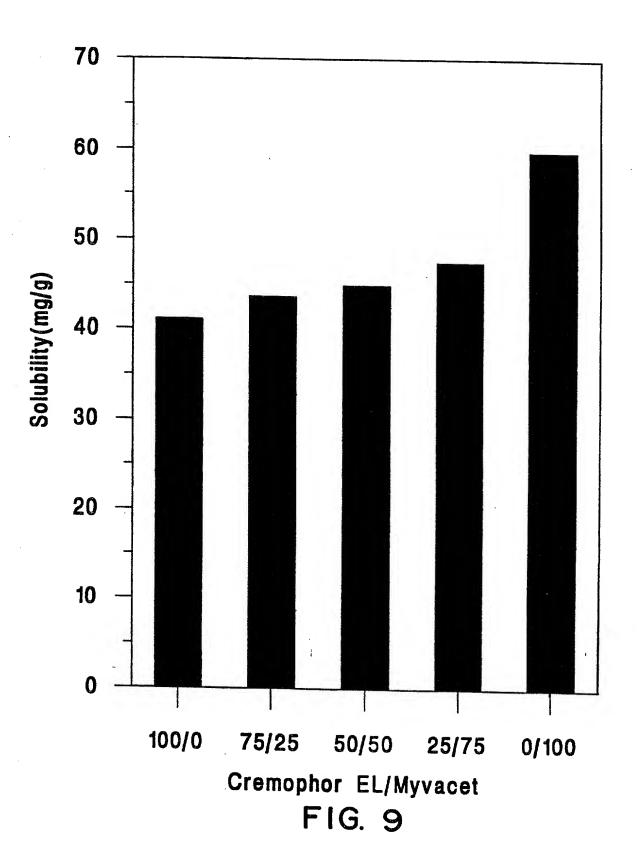


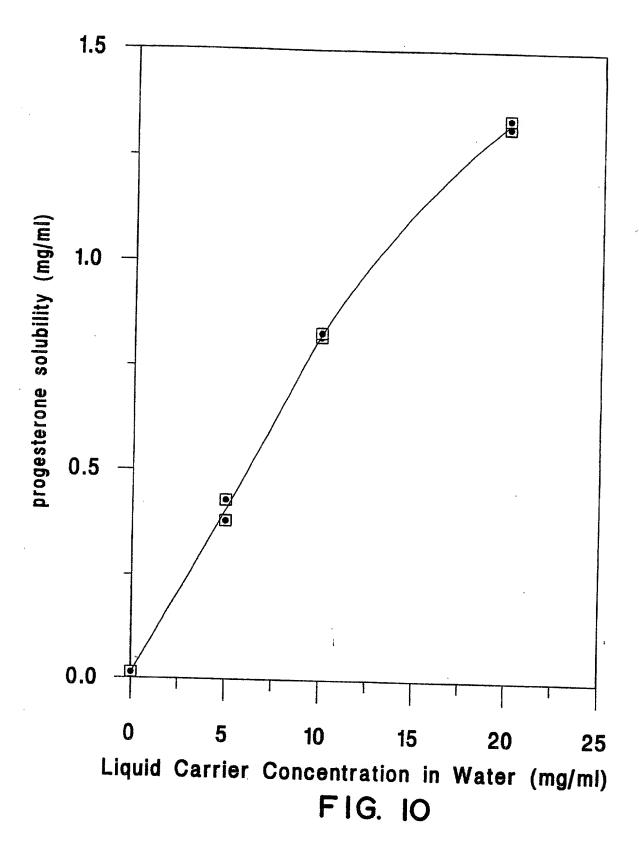


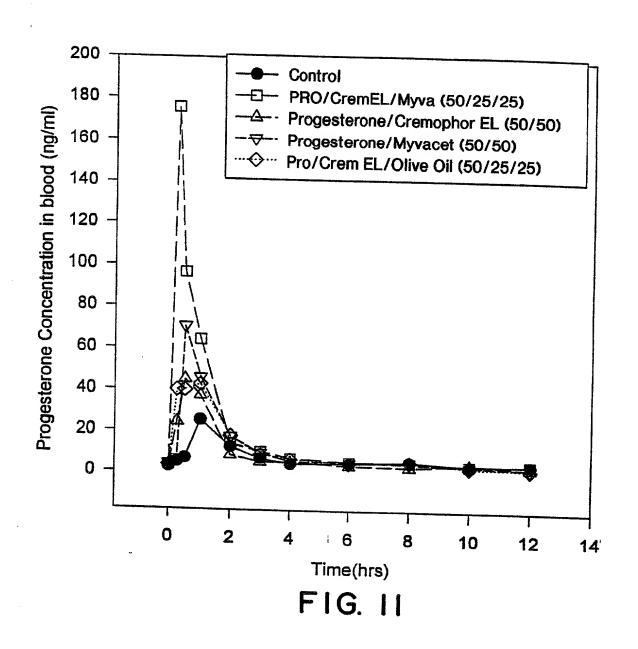


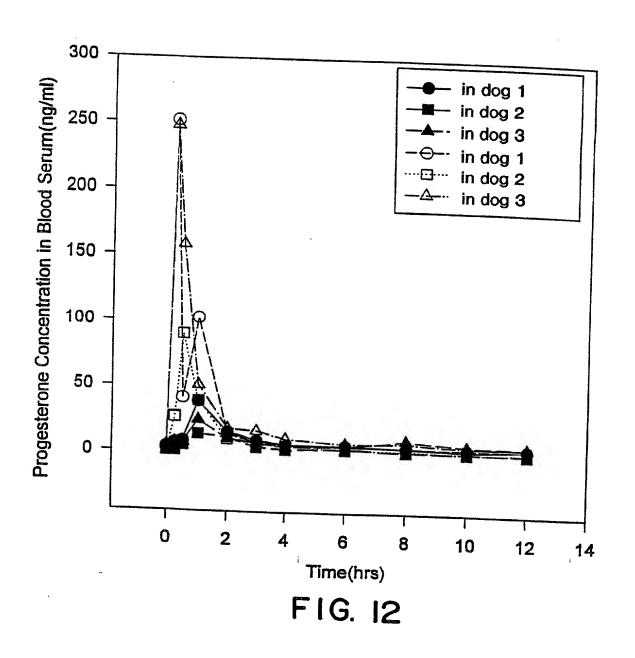


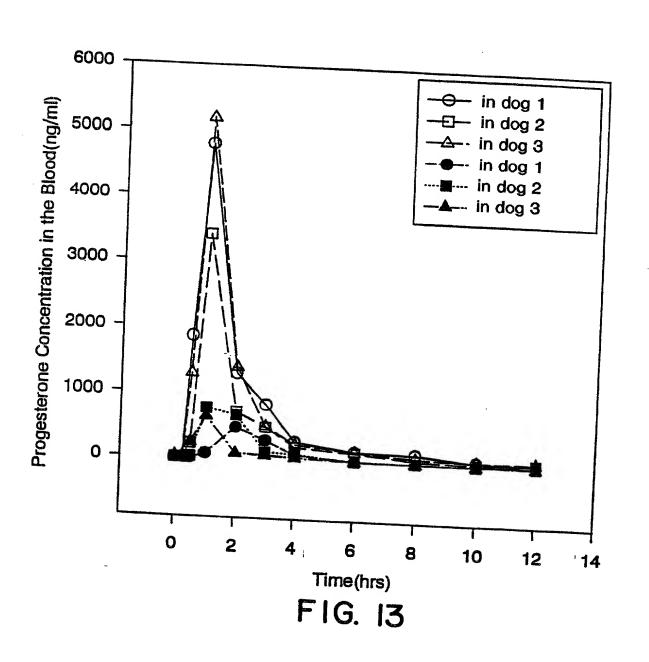












Pharmacokinetic Data for Oral Progesterone Formulations Dosed to Dogs (40mg)

		F	T <sub>max</sub> (h)			Cmax	C <sub>max</sub> (ng/ml)		AIL	AUC (ng/ml*h)	nl*h)	*Relative BA %
	Dog 1	2	9	Avg	Dog 1	7	m	Avg (s.d).				Average (s.d)
- ·	(		-	- Command	38.4	13.9	24.4	25.6(12.3)	104	51	104	901
7	0.25	0.50	0.25	0.33	252	8.06	248	197/02)	226	112	276	20,000
~	0.50	200	0 50	7	62.4			(7/)//	077	CII	C07	(17) 757
	2 4 6	) -	) -	71.0	4.00	7.70	33.7	48.3(12.8)	109	95	102	130 (50)
	C. 0	<b>-</b>		0.83	174	57.1	30.4	87.2(76.4)	167	289	73	176(108)
	0.5		0.25	0.58	57.2	70.8	74.7	(1 6)5 29	114	CPE	70	101(141)

The relative bioavailability is the ratio of AUC for liquid formulations to that for laqueus drug-layer formulation. AUC is calculated by trapezoidal rule from time zero to the last blood sampling point (12h).

Formulation Composition (wt%)

					Print serve						<u> </u>	2
		v	٥ أ	4						<b>4</b> 8	97	40
		7		₹						2	8	
(	Formulation #	m		r					96	?		
		2	4	•					48	. 60	)	
		-	09	21	01	ς,	m	firmal				
Components	Simplication		Progesterone	Mannitol	Ac-di-sol	Myji 52-s	HPMC E-5	Mg stearate	Cremophor EL	Myvacet 9-45	Olive oil	

Pharmacokinetic Data for Emulsion Progesterone Formulation and Nonemulsion Push-Pill Drug-Layer Formulation (300mg dose)

(3)		T
Relative BA (%)	Average (s.d)	100
11*h)	Ave (s.d)	1238(425) 100 6614(1657) 600 (289)
AUC (ng/ml*h)	m	1715 898 4708 7418
AI	7	1715
	Dog 1	1101
	Avg (s.d).	639(145) 1101 4467(926) 7715
ıg/ml)	3	649 5180
C <sub>max</sub> (ng/ml)	2	<i>778</i> 3420
	Avg Dog 1	489 4800
	Avg	1.33
r <sub>max</sub> (h)	3	
₩.	7	
·	Dog 1	7 -
rormulation #		Emulsion 1

AUC is calculated by trapezoidal rule from time zero to the last blood sampling point (12h).

The relative bioavailability is the ratio of AUC for liquid formulations to that for MPA-22 drug-layer formulation.

Formulation Composition (wt%)

										L	L,
	Paraleica Ond To	Editusion Oral Formulation	50			i (	12.3		0 36	12.6	17.3
(%1%) FORTING (M120)	Nonemulsion Drig-1 aver	in fact San	09	21	01	; v	) (T	)	•		
	Components	December	riogesterone	Mannitol	Ac-di-sol	Myji 52-s	HPMC E-5	Mg stearate	Cremophor EL	Myvacet 9-45	

FIG. 53